

2012 HypsIRI Products Symposium

Dates: May 16 – 17 (Wed-Thu), 2012

Location: NASA/Goddard Space Flight Center, Building 34, Conference Room W150 & Breakout rooms W120A and W120B

Identifying Priority Products to Support HypsIRI's Science Questions & Issues Relevant to Products from Upcoming Measurement Campaigns

First Day – Wednesday, May 16, 2012

Morning:

8:00-8:30am Coffee/Registration/Posters Up

8:30-9:30am (W150)

- Status of HypsIRI Mission (10 min) [Woody Turner]
- Short summary of HypsIRI mission & instruments (30 min total) [Rob Green, Simon Hook]
- Review of Symposia 1 & 2. Review List of HypsIRI Science Questions. Give Objectives of Symposium 3 (20 min) [Betsy Middleton]

9:30-10:00am Coffee break & Posters

10:00am-12:00pm (W150)

TOPIC # 1: Ecosystem Function & Composition Questions (VQ1-3, 5; CQ1, 4)

- Examples of higher level products that are possible from existing assets:
AVIRIS, Hyperion, ALI, Landsat, MODIS, ASTER, MASTER [30 min/HypsIRI staff]
- Identify desired new HypsIRI products with Discussion [~8@10 min each from SSG, 90 min]

Lunch, noon – 1:15pm

Afternoon:

1:15-2:15pm (W120A, W120B, W150)

Continue discussion on Ecosystem Products in 2-3 Breakout Groups [45 min] & Summarize [15 min]

- Prioritize higher level ecosystem products; Discuss methods, algorithms, and resources required, etc.

2:15-2:45pm Coffee break & Posters

2:45-4:45pm (W150)

TOPIC # 2: Disturbances & Human Impact Questions (VQ4, TQ3,5; CQ2, CQ6)

- Examples of higher level products possible from existing assets --
AVIRIS, Hyperion, ALI, Landsat, MODIS, ASTER, MASTER [30 min/HypsIRI staff]

4:45-6:15pm

- Identify desired new HypsIRI products with Discussion [~8@10 min each from SSG, 90 min]

6:30pm DINNER [Ruby Tuesday]

Second Day – Thursday, May 17, 2012

Morning:

8:00-8:30am Coffee & Posters

8:30-9:30pm (W120A and W120B)

Continue discussion on Disturbance/Human Impacts Products in Breakout Groups [45min] &
Summarize [15 min]

9:30-10:30am (W120A and W120B combined)

Demo & Discussion on automated Atmospheric Correction of EO-1 Hyperion scenes (also AVIRIS, MASTER?) [1 hour]

10:30-11:00am Coffee break & Posters

11:00-12:00pm (W150)

Low Latency Tools & Products; ESTO support (1 hour) [Demo & Examples, Mandl, Chien et al.]

Lunch, 12:00 – 1:00pm

Afternoon:

1:00-3:00pm (W150)

TOPIC # 3: Volcano, Natural Hazard & Mineral/Resource Questions (TQ1-2, 4; CQ3,5)

- Examples of higher level products possible from existing assets --
AVIRIS, Hyperion, ALI, Landsat, MODIS, ASTER, MASTER [30 min/HyspIRI staff]
- Identify desired new HyspIRI products with Discussion [~8@10 min each from SSG, 90 min]

3:00-3:30pm Coffee break & Posters

3:30-5:00pm (W120A, W120B, W150)

Interactive Session & Open Discussion (1 hour)

Group 1: Identify Issues and Needs to Prepare for Potential Aircraft Campaigns.

Group 2: Matching higher level (L3/L4) Products to Science Questions.

Group 3: Geo-location knowledge requirements for HyspIRI products & science questions.

5:00-5:30pm (W150)

Reports to Full Meeting from Each Discussion.

5:30-6:00pm (W150)

Summary from Meeting; Make & review spreadsheet.

Adjourn